



## The Easy and Safer Way to Disinfect BSCs

Introducing the **TBS-1080**, a Chlorine Dioxide (CD) Gas Generation system designed for the disinfection of BioSafety Cabinets (BSCs) in compliance with NSF/ANSI Standard 49 protocol (G.7.3.2.1 Method 1) for the fixed mass of CD, with a minimum requirement of 0.13g/ft<sup>3</sup> of chlorine dioxide gas.

- ✓ The **TBS-1080** uses patented technology that combines efficacy and affordability.
- ✓ The **TBS-1080** easily fits inside the BSC, eliminating the need for external hoses.
- ✓ The **TBS-1080** does not use or produce chlorine gas (Cl<sub>2</sub>).



Large display panel is easy to use and shows the progress of the decontamination procedure.

- ✓ Two initial steps prevent accidental start
- ✓ Countdown shows status of the decontamination
- ✓ Start of neutralization and end of the procedure clearly shown

TBS TECHNOLOGIES  
MODEL-1080  
PUSH BUTTON TO START

CARTRIDGES LOADED?  
LID LATCHED?  
IF YES  
PUSH & HOLD TO START

DECONTAMINATION  
IN PROGRESS  
TIME REMAINING  
84:47

DECONTAMINATION  
IN PROGRESS  
TIME REMAINING  
0:54

NEUTRALIZING  
TIME REMAINING  
1:58

DECONTAMINATION  
& NEUTRALIZATION  
COMPLETE

The **TBS-1080** uses reagent solutions in prepackaged cartridges, the **CD-Pak** and the **R-Pak**, for the generation of CD gas and the neutralization of the CD gas reaction mixture.



Standard Mounting Plate with Cable Glands and Banjo Fittings



**R-Pak-60**  
Dual Cartridge

**CD-Pak-60**  
Cartridge

The **CD-Pak** cartridge contains a solution of Sodium Chlorite and the **R-Pak** dual cartridge contains an activation solution as well as a quenching and neutralizing solution that provides for safe disposal after the disinfection procedure is completed. The **CD-Pak-60** and **R-Pak-60** are used for disinfecting BSCs up to 60 ft<sup>3</sup> and the **CD-Pak-90** and **R-Pak-90** cartridges are used for BSCs up to 90 ft<sup>3</sup>.

The **TBS-1080** is shipped in a hard shell Pelican-style carrycase with the control panel, Mounting Plate, power connections and room for one set of cartridges (Chemical cartridges are not included in the initial shipment). The **TBS-1080** operates with 120 VAC converted to 12 VDC. The **TBS-1080** is compact, measuring 10.1" x 10.3" x 14.3", weighing 12 pounds.

ORDERING INFORMATION

Product Name	Description	Part Number	Total CD Produced per Cartridge Set*	Quantity Minimum	Quantity per Case
TBS-1080	CD Generator	1109-0010	N/A	1	1
R-Pak 60	Neutralizing Cartridge	1109-0052-60	>7.8g	Case	12
CD-Pak 60	Reaction Cartridge	1109-0066-60	>7.8g	Case	12
R-Pak 90	Neutralizing Cartridge	1109-0052-90	>11.7g	Case	12
CD-Pak 90	Reaction Cartridge	1109-0066-90	>11.7g	Case	12
* greater than 0.13g of CD per ft <sup>3</sup> of BSC					

Green initiative: The TBS cartridges are returnable using a TBS provided shipping tote, and will be refilled with the chemical reagents by TBS.

**For additional information** please visit our website: [www.tbstechnologies.com](http://www.tbstechnologies.com) or contact us by e-mail at: [info@Tbstechnologies.com](mailto:info@Tbstechnologies.com)

Always observe all safety precautions and procedures. Read and follow the Directions for Use.